

Bio Data of Mr.Diganta Kalita, Assistant Professor, Mechanical Engineering Department, Jorhat Engineering College

1. NAME : **Mr. DIGANTA KALITA**

2. FATHER'S NAME : Sri Biraj Ch. Kalita

3. DATE OF BIRTH : 2nd Jan.1975

4. ADDRESS

a) Permanent : C/o: Mr.Birajch.Kalita
Vill.: Rampur
P.O.: Rampur
Dist.: Kamrup (Rural)
Pin: 781132;

b) Residential :Quarter No. 50
Jorhat Engineering College, Campus
Jorhat-785007, Assam
PIN: 785007

c) Office & Mailing : Assistant Professor
Mechanical Engineering Department
Jorhat Engineering College
Garmur, Jorhat, Assam – 785 007
India

d) Phone Number : 9854158284 (M),

e) Email : diganta211975@gmail.com

5. PRESENT POSITION HELD : Assistant Professor
Mechanical Engineering Department
Jorhat Engineering College
Garmur, Jorhat, Assam – 785 007
India

6. AREAS OF INTEREST :Welding technology, Machine Design, Industrial Engg.

7. COURSES TAUGHT:

UG Level

1. Machine Design
2. Mechanical Vibration

PG Level

1. Quality Engineering
2. Total Quality Mgt.

8. EDUCATIONAL PROFILE:

| Examination | Name of the University | Year of Passing | Marks obtained (%) | Class/ Grade |
|--------------|------------------------|-----------------|--------------------|--------------|
| B.E/ B.Tech | Gauhati University | 1996 | 78.89 | I |
| M. Tech/M.E. | Dibrugarh University | 2015 | 87.35 | I |
| Ph. D/D.Phil | Dibrugarh University | Pursuing | . | |

9. SHORT TERM COURSES ATTENDED:

| Sl. No. | Programme | Duration | Organized by |
|---------|---|----------------|---|
| 1 | Faculty Induction Program- Outcome Base Education | 2 Weeks (2018) | TTTI, Calcutta TEQIP Cell Jorhat Engineering College |
| 2 | Foundation of Robotics, Automation and Finite elements analysis | 1 Weeks (2018) | Mechanical Engineering Department, Jorhat Engineering College and Malnad College of Engineering |
| 3 | Course Management System : MOODLE with Hands on Training | 1 Weeks (2014) | AICTE-NEQIP |

10. RESEARCH PAPERS PUBLICATION DETAILS IN CONFERENCES/ JOURNALS

| Sl. No. | Title | Journal | ISSN/ ISBN No. |
|---------|--|---|----------------|
| 1 | 'Redesigning of Production Lines Using Heuristic Algorithm for Better Productivity | International Journal of Industrial Engineering and Design; 2017, 3 (1), pp: 1-6. | |
| 2 | 'Minimization of Non Productive Time in Drilling Rig Operation | International Journal of Engineering Trends and Technology; 2017, 44(1), pp: 48-52. | 2231-5381 |
| 3 | Optimization of Demand Forecasting in Fast Moving Consumer Goods Supply Chain: A Case Study' | International Journal of Industrial Engineering and Design; 2017, 3 (1), pp: 1-6. | |
| 4 | An Investigation of Multi-Characteristic Optimisation of Cutting Parameters in Turning Operation- A Theoretical Study' | International Journal of Engineering Trends and Technology; 2016, 37(1), pp: 47-56. | 2231-5381 |
| 5 | Taguchi Optimization of MIG Welding Parameters Affecting Tensile Strength of C20 Welds' | International Journal of Engineering Trends and Technology; 2015, 26(1), pp: 43-49. | 2231-5381 |
| 6 | Optimization Model for Disc Cam Flat Faced Follower Mechanism | International Journal of Engineering Trends and Technology; 2015, 29(1), pp: 6-11. | 2231-5381 |

12. IMPORTANT CONTRIBUTIONS TO THE UNIVERSITY/COLLEGE/DEPARTMENT LEVELS APART FROM TEACHING

| Sl. No. | Type of activity |
|----------------|--|
| 1 | Faculty in-charge of students union to look after General Sports activities |
| 2 | Faculty in-charge in J.E.C Water Supply Scheme |
| 3 | Co-coordinator, JEC Cleanliness Committee |
| 4 | Member 'start up cell' under TEQIP-III |
| 5 | Superintendent Hostel No-04 |
| 6 | Member anti-ragging squad |
| 7 | Representing JEC in the world bank funded NIR NIRMAL scheme under PHE deptt. Govt of Assam |